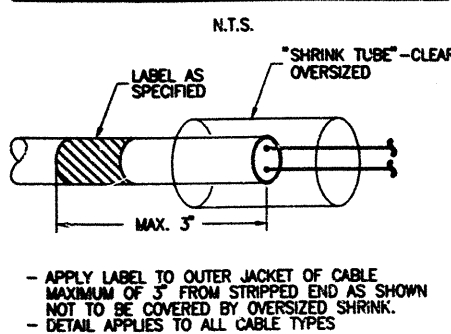


TYPICAL CABLE LABELING METHOD



CIRCUIT LEGEND:

CIRCUIT DESIGNATION

CABLE IDENTIFICATION TAG: LIGHT TEXT REPRESENTS EXISTING CABLE TAG TO REMAIN, HEAVY TEXT REPRESENTS THE TAG (BRADY LABEL #WML-305-292 O.A.E.) TO BE FURNISHED & INSTALLED.

TYPE OF CIRCUIT:

STR - STROBE CIRCUIT

SPK - SPEAKER CIRCUIT

ALD - ALD LOOP DEVICE CIRCUIT (EXCEPT SMOKE DETECTOR)

TEL - TELEPHONE CIRCUIT

SD - SMOKE DETECTOR CIRCUIT

MPJ - MAINTENANCE PHONE JACK CIRCUIT

WP - WARDEN TELEPHONE CIRCUIT

SJ - STAND PIPE PHONE JACK CIRCUIT

A TO G - STROBE OR SPEAKER CIRCUIT NUMBER

AIC - CIRCUIT TO ADDRESSABLE TERMINAL STRIP CABINET

PS - CIRCUIT TO PULL STATIONS

ELEV - CIRCUIT TO ELEVATOR LOBBY AND ELEVATOR

HVAC - MACHINE ROOM SMOKE DETECTOR

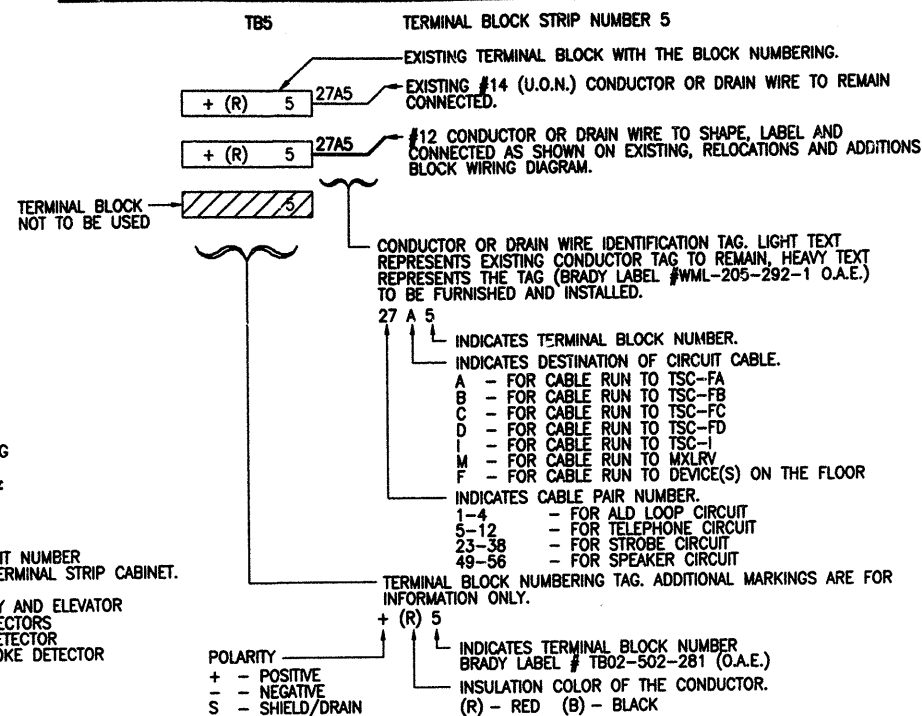
AREA - CIRCUIT TO HVAC SMOKE DETECTOR

IC - CIRCUIT TO OPEN AREA SMOKE DETECTOR

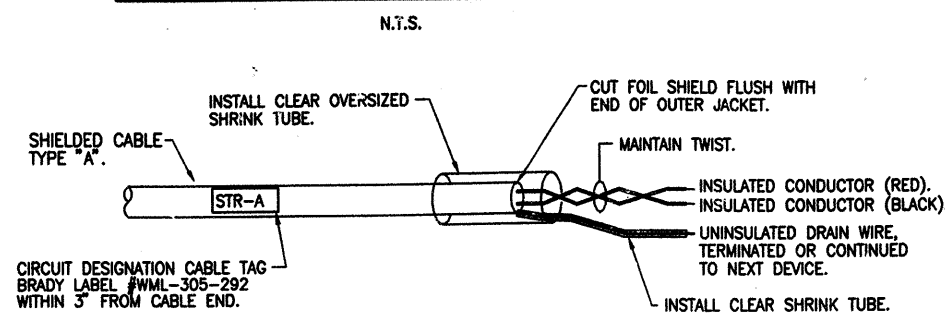
TIB - INTERFACE CABINET CIRCUIT

TIB - TENANT INTERFACE BOX

TERMINATION LEGEND (EXISTING AND ADDITIONS)



TYPICAL SHIELD/DRAIN INSULATING METHOD "A"



NOTES:

- FOR LEGEND, ABBREVIATIONS & GENERAL NOTES, SEE DWG E-1.
- ALL SHIELDS MUST BE ISOLATED FROM GROUND. APPROVED "SHRINK" TUBING SHALL BE USED ON ALL DRAIN CONDUCTORS. SEE TYPICAL SHIELD/DRAIN INSULATING METHOD "A" ON THIS DWG.
- ALL WIRING SHALL BE FREE OF GROUND FAULTS, OPENS, SHORTS & STRAY VOLTAGES.
- ALL WORK SHALL BE DONE IN THE PRESENCE OF THE ENGINEER.

THE PORT AUTHORITY
OF NY & NJ

ENGINEERING PROGRAM MANAGER
WORLD TRADE
CHIEF ELECTRICAL ENGINEER

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE CONTRACT DRAWINGS CONSTITUTING A PART OF CONTRACT NO. WTC-861.573 IN THE FORM IN WHICH SAID DRAWINGS EXISTED AT THE TIME THE SAID CONTRACT WAS EXECUTED BY THE PARTIES.

DATE 2/1/00
DATE 2/1/00
CONTRACT ENGR/ARCH.
ENGINEERING PROGRAM MGR.

No. Date Revision Approved

ENGINEERING DEPARTMENT

WORLD
TRADE
CENTER

ELECTRICAL

Title
FIRE ALARM SYSTEM
DEVICE UPGRADE
PHASE III
5 WTC 3rd, 4th, 5th & 6th FLOORS

7th FLOOR TSC-M
BLOCK WIRING DIAGRAM
EXISTING AND ADDITIONS

This drawing subject to conditions in Contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

S. FELDSTEIN N. PALACIOS
Designed by Drawn by Checked by

NOVEMBER 26, 1999
Date

WTC-861.573
Contract Number Drawing Number

E-07-2

